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|---|-----------------------------|----------------|------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>( Not for submission under 37 CFR 1.99) | <b>Application Number</b>   |                | 10588153   |
|   | <b>Filing Date</b>          |                | 2005-01-27 |
|   | <b>First Named Inventor</b> | Itamar Willner |            |
|   | <b>Art Unit</b>             | 1645           |            |
|   | <b>Examiner Name</b>        | Not Yet Known  |            |
| <b>Attorney Docket Number</b>   |                             | WILLNER-9A     |            |

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|                                      | 1       | 20030219775        | A1                     | 2003-11-27       | WARD et al.                                     |  |

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|    |  |                          |
|----|--|--------------------------|
| 1  | SANDO et al., "Amplified nucleic acid sensing using programmed self-cleaving DNAzyme", Journal Of The American Chemical Society, Vol. 125, No. 51, pages 15720-15721, December 3, 2003.  | <input type="checkbox"/> |
| 2  | STOJANOVIC et al., "Catalytic molecular beacons", CHEMBIOCHEM, Vol. 2, No. 6, pages 411-415, June 1, 2001.   | <input type="checkbox"/> |
| 3  | PATOLSKY et al., "AMPLIFIED DNA DETECTION BY ELECTROGENERATED BIOCHEMILUMINESCENCE AND BY THE CATALYZED PRECIPITATION OF AN INSOLUBLE PRODUCT ON ELECTRODES IN THE PRESENCE OF THE DOXORUBICIN INTERCALATOR", Angewandte Chemie, Vol. 41, No. 18, pages 3398-3402, September 16, 2002. | <input type="checkbox"/> |
| 4  | TRAVASCIO et al. "The peroxidase activity of a hemin-DNA oligonucleotide complex: free radical damage to specific guanine bases of the DNA", Journal of the American Chemical Society, Vol. 123, No. 7, pages 1337-1348, February 21, 2001.  | <input type="checkbox"/> |
| 5  | PATOLSKY et al., "Lighting-up the dynamics of telomerization and DNA replication by CdSe-ZnS quantum dots", Journal of the American Chemical Society, Vol. 125, No. 46, pages 13918-13919, November 19, 2003.  | <input type="checkbox"/> |
| 6  | WEIZMANN et al., "Magneto-mechanical detection of nucleic acids and telomerase activity in cancer cells", Journal of the American Chemical Society, Vol. 126, No. 4, pages 1073-1080, January 8, 2004.   | <input type="checkbox"/> |
| 7  | TRAVASCIO et al., "DNA-enhanced peroxidase activity of a DNA-sptamer-hemin complex", Chemistry & Biology, Vol. 5, No. 9, pages 505-517, September 1998.  | <input type="checkbox"/> |
| 8  | TOMBELLI et al., "New trends in nucleic acids based biosensors- Florence, Italy, October 25-28, 2003", ANALYTICAL LETTERS, Vol. 37, No. 6, page 1045, last paragraph - page 1046, 2004.  | <input type="checkbox"/> |
| 9  | XIAO et al., "Catalytic beacons for the detection of DNA and telomerase activity", Journal of the American Chemical Society, Vol. 126, No. 24, pages 7430-7431, June 23, 2004.   | <input type="checkbox"/> |
| 10 | PAVLOV et al., "Amplified Chemiluminescence Surface Detection of DNA and Telomerase Activity Using Catalytic Nucleic Acid Labels", Analytical Chemistry, Vol. 76, No. 7, pages 2152-2156, April 1, 2004  | <input type="checkbox"/> |
| 11 | XIAO et al., "Lighting up biochemiluminescence by the surface self-assembly of DNA-hemin complexes", CHEMBIOCHEM: A EUROPEAN JOURNAL OF CHEMICAL BIOLOGY, Vol. 5, No. 3, pages 374-379, March 5, 2004  | <input type="checkbox"/> |

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

|            |                  |                     |            |
|------------|------------------|---------------------|------------|
| Signature  | /SN/             | Date (YYYY-MM-DD)   | 2007-07-10 |
| Name/Print | Sheridan Neimark | Registration Number | 20,520     |

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